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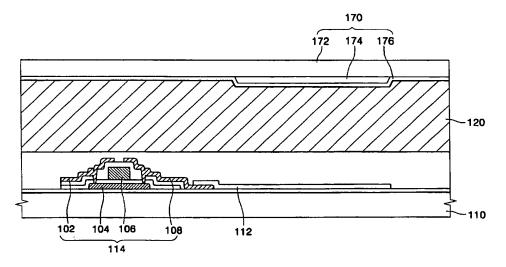
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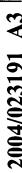
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(54) Title: ACTIVE MATRIX DRIVING DISPLAY DEVICE AND IMAGE DISPLAYING METHOD USING THE SAME

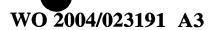


(57) Abstract: LCD device includes two substrates (110, 172), a first (174) and second color filters, two liquid crystal layers (120). The first color filters (174) are formed on portions of the second substrate (172) corresponding to border area. The second color filters are formed on portions of the second substrate (172) corresponding to the display area except the border area. A first liquid crystal layer (120) between the first and the second substrate (110, 172) is comprised in border area, and a zero electric field is formed on the first liquid crystal layer so as to completely transmit light incident into the first liquid crystal layer therethrough. A borderline having various colors can be displayed by forming various patterns of color filters (174) having various colors on portions of the second substrate (172) corresponding to the border area under normally white mode, thereby producing picture frame effect while images are displayed on the screen.











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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  EPODOC, WPI, PAJ  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category Citation of document, with indication, where appropriate, of the relevant passages  Y. JP 10 187099 A (CASOI COMPUT) 14 July 1998 (14.07.98) fig. 1-8; [0031] - [0050; [0061] - [0089].  Y. EP 1022604 A2 (CANON) 26 July 2000 (26.07.00) 1,6,9- column 4, line 31 - column 5, line 49; fig. 4,5. 1,13,15,16  A. WO 01/57838 A1 (SEIKO EPSON) 9 August 2001 (09.08.01) 1,17,19-21  International defining the general state of the art which is not considered to be of particular relevance. "Le' cartier application or patent but published on or after the international filing date and not in conflict with the application but cited to understand the principle or theory underlying the invention considered to whole an inventive are when the document is taken alone. "A" document of particular relevance, the claimed invention cannot be special reason as specified."  "O'document which may have dusto or priority claim(s) or which is special reason as specified."  "O'document of particular relevance, the claimed invention cannot be special reason as specified."  "O'document of particular relevance, the claimed invention cannot be special reason as specified."  "O'document of particular relevance, the claimed invention cannot be special reason as specified."  "O'document of particular relevance, the claimed invention cannot be special reason as specified."  "O'document of particular relevance, the claimed invention cannot be special reason as specified."  "O'document of particular relevance, the claimed invention cannot be special reason as specified."  "O'document of particular relevance, the claimed invention cannot be special reason as specified."  "O'document of particular relevance, the claimed invention cannot be special reason as specified."  "O'document of particular relevance, the claimed invention cannot be special reason as specified."  "					
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  11 December 2003 (11.12.2003)  Name and mailing address of the ISA/AT Austrian Patent Office  Dresdner Straße 87, A-1200 Vienna  Facsimile No. 1/53424/535  when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family  The bruary 2004 (11.02.2004)  Authorized officer  GRONAU E.  Telephone No. 1/53424/320	"A" docui consi "E" carlie	ment defining the general state of the art which is not dered to be of particular relevance or application or patent but published on or after the international	date and not in the principle or "X" document of pa	conflict with the application theory underlying the investigation that it is the claim control of the claim o	n but cited to understand ention med invention cannot be
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